

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## QUALITY ASSURANCE ASPHALT MIX SUMMARY REPORT

TYPE MIX: \_\_\_\_\_ [ 1 ]      JMF NO. \_\_\_\_\_ [ 2 ]      DATE: \_\_\_\_\_ [ 3 ]  
 CONTRACTOR: \_\_\_\_\_ [ 4 ]      QC SAMPLE NO. \_\_\_\_\_ [ 5 ]      QC SAMPLE DATE: \_\_\_\_\_ [ 6 ]  
 PLANT LOCATION: \_\_\_\_\_ [ 7 ]      PLANT CERT. NO. \_\_\_\_\_ [ 8 ]      DIVISION: \_\_\_\_\_ [ 9 ]

[ 10 ] GRADATION COMPARISON TEST RESULTS										[ 11 ] MIX PROPERTIES COMPARISON TEST RESULTS									
SIEVE	JMF TARGET	INITIAL TEST		W/IN LIMITS OF PRECISION		CHECK TEST		W/IN LIMITS OF PRECISION		TEST	JMF/MD TARGETS	INITIAL TEST		W/IN LIMITS OF PRECISION		CHECK TEST		W/IN LIMITS OF PRECISION	
		QA	QC	YES	NO	QA	QC	YES	NO			QA	QC	YES	NO	QA	QC	YES	NO
50.0mm	[ A ]	[ B ]	[ C ]			[ E ]	[ F ]			$G_{mm}$	[ A ]	[ B ]	[ C ]	[ D ]		[ E ]	[ F ]	[ G ]	
37.5mm										$G_{mb}@N_{des}$									
25.0mm				[ D ]				[ G ]		%VTM									
19.0mm										%VMA									
12.5mm										%VFA									
9.50mm										$P_b$									
4.75mm										$P_{0.075}/P_{be}$									
2.36mm										TSR									
1.18mm										$\%G_{mm}@N_{ini}$									
0.600mm																			
0.300mm																			
0.150mm																			
0.075mm																			

\*PRINT QA SUPERVISOR'S NAME w/HiCAMS#: \_\_\_\_\_ [ 13 ]

\*QA SUPERVISOR'S SIGNATURE: \_\_\_\_\_ [ 14 ]

\* BY PROVIDING THIS DATA UNDER MY SIGNATURE AND/OR HiCAMS CERTIFICATION NUMBER, I ATTEST TO THE ACCURACY AND VALIDITY OF THE DATA CONTAINED ON THIS FORM AND CERTIFY THAT NO DELIBERATE MISREPRESENTATION OF TEST RESULTS, IN ANY MANNER, HAS OCCURRED.

COPIES TO: CONTRACTOR

REMARKS: \_\_\_\_\_ [ 12 ]  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**QA-1**  
**ASPHALT QUALITY ASSURANCE SUMMARY REPORT**

**GENERAL NOTE:** This form is to be completed by the Division QA Supervisor whenever plant mix quality assurance comparison test(s) are performed. A copy is to be forwarded to the Contractor each time assurance comparison test are performed. The original is to be maintained in the appropriate plant file at the Division QA Lab indefinitely unless permission is given otherwise.

1. Type mix produced.
2. Appropriate Job Mix Formula number.
3. Date QA sample tests performed.
4. Name of Contractor producing mix.
5. QC sample number.
6. Date QC sample was taken.
7. Site of plant producing mix.
8. Current asphalt plant certification number.
9. Division in which asphalt plant is located.
10. Gradation data from QA/QC-1(SP) worksheet.
  - A. JMF Target Values for gradation.
  - B. Initial QA test result values.
  - C. Initial QC test result values.
  - D. Are QA/QC initial test result values within limits of precision when results are compared?
  - E. QA check test result values, if check test is performed.
  - F. QC check test result values, if check test is performed.
  - G. Are QA and QC check test result values within limits of precision?
11. Mix properties comparison test results: Data from QA/QC-1SP worksheet.
  - A. Mix property targets from JMF or MD, whichever is applicable.
  - B. QA initial test result values.
  - C. QC initial test result values.
  - D. Are QA/QC test result values within limits of precision?
  - E. QA check test result values, if check test is performed.
  - F. QC check test result values, if check test is performed.
  - G. Are QA/QC test result values within limits of precision?
12. Any relative remarks pertaining to test data and/or comparisons on the form.
13. Printed QA Supervisor's name and HiCAMS certification number.
14. QA Supervisor's signature certifying that all data entered on this form is true and correct.